

SAFETY DATA SHEET
BCLNC5 BRAKE & CLUTCH CLEANER 5LITRE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME BCLNC5 BRAKE & CLUTCH CLEANER 5LITRE
 PRODUCT NO. BCLNC5
 SUPPLIER James Briggs a division of ITW Ltd.
 Salmon Fields
 Royton, Oldham, Lancashire,
 England OL2 6HZ
 0161 627 0101
 0161 627 0971
 sds@jamesbriggs.co.uk

2 HAZARDS IDENTIFICATION

Highly flammable. Vapours may cause drowsiness and dizziness. Harmful: may cause lung damage if swallowed. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 CLASSIFICATION Xn;R65. Xi;R36/38. F;R11. N;R51/53. R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	10-30%	F;R11 Xi;R36 R66 R67
NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT	265-151-9	64742-49-0	60-100%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
PROPAN-2-OL	200-661-7	67-63-0	10-30%	F;R11 Xi;R36 R67

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

NOTE! Effects may be delayed. Keep affected person under observation. NOTE! Keep affected person away from heat, sparks and flames!

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

Remove victim immediately from source of exposure. Rinse mouth thoroughly. NOTE! Keep affected person away from heat, sparks and flames! DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Dry chemicals, sand, dolomite etc. Alcohol resistant foam. Water spray, fog or mist. Carbon dioxide (CO2).

SPECIAL FIRE FIGHTING PROCEDURES

Ventilate closed spaces before entering them. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Do not scatter spilled material with more water than needed to fight the fire. Be aware of danger for fire to re-start. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

Vapours are heavier than air and may spread near ground to sources of ignition.

6 ACCIDENTAL RELEASE MEASURES

BCLNC5 BRAKE & CLUTCH CLEANER 5LITRE

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Ventilate well. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented.

STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Keep containers tightly closed.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3	
NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT			1200 mg/m3			
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. Use chemical cartridge protection with appropriate cartridge.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke. **DO NOT SMOKE IN WORK AREA!**

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Colourless
ODOUR	Characteristic
SOLUBILITY	Insoluble in water
RELATIVE DENSITY	<1.0

BCLNC5 BRAKE & CLUTCH CLEANER 5LITRE

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours may cause headache, fatigue, dizziness and nausea. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Irritating to respiratory system.

INGESTION

May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Irritating to skin. May cause allergic contact eczema.

EYE CONTACT

Irritating to eyes. Irritation, burning, lachrymation, blurred vision after liquid splash.

HEALTH WARNINGS

Repeated exposure may cause chronic eye irritation. Swallowing concentrated chemical may cause severe internal injury.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

MEDICAL SYMPTOMS

Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes).

12 ECOLOGICAL INFORMATION

ECOTOXICITY

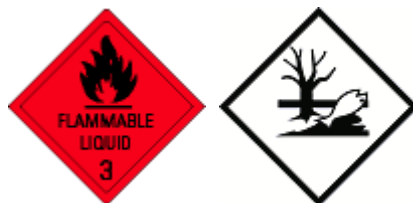
Dangerous for the environment if discharged into watercourses.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Collect on absorbent material, place in cardboard kegs and incinerate. Incinerate in suitable combustion chamber. Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	FLAMMABLE LIQUID, N.O.S. (NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT)		
UN NO. ROAD	1993	UK ROAD PACK GR.	II
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II	TUNNEL RESTRICTION CODE	(D/E)
HAZARD NO. (ADR)	33 Highly flammable liquid (flash-point below 23°C).		33
ADR LABEL NO.	3	HAZCHEM CODE	+3YE
CEFIC TEC(R) NO.	30GF1-I+II, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	II	UN NO. SEA	1993

BCLNC5 BRAKE & CLUTCH CLEANER 5LITRE

IMDG CLASS	3	IMDG PACK GR.	II
EMS	F-E, S-E	MARINE POLLUTANT	No.
UN NO. AIR	1993	AIR CLASS	3
AIR PACK GR.	II		

15 REGULATORY INFORMATION

LABELLING



Harmful



Highly Flammable



Dangerous for the environment

CONTAINS NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT

RISK PHRASES

R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S16	Keep away from sources of ignition - No smoking.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S2	Keep out of the reach of children

UK REGULATORY REFERENCES

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

The Control of Substances Hazardous to Health Regulations 2002.

STATUTORY INSTRUMENTS

The Control of Substances Hazardous to Health Regulations 2002.

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

CHIP for everyone HSG(108).

16 OTHER INFORMATION

REVISION DATE	07/06/2010
REV. NO./REPL. SDS GENERATED	7

BCLNC5 BRAKE & CLUTCH CLEANER 5LITRE

RISK PHRASES IN FULL

R11	Highly flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.